
RST-10530R (March 2002)

Superseding

STAR-10530R (Sept 2001)

RST-10530R (08/00)

GUIDE SPECIFICATION FOR CONSTRUCTION

Specification revised to meet U.S. Army Reserve requirements (June 2001)

SECTION TABLE OF CONTENTS

DIVISION 10 - SPECIALTIES

SECTION 10530R

MISCELLANEOUS SPECIALTIES

03/02

PART 1 GENERAL

- 1.1 REFERENCES
- 1.2 SUBMITTALS
- 1.3 DELIVERY AND STORAGE
- 1.4 WARRANTY

PART 2 PRODUCTS

- 2.1 MAILBOXES
 - 2.1.1 General
 - 2.1.2 Materials
 - 2.1.3 Color
- 2.2 SECURITY MESH
- 2.3 MOORING EYE

PART 3 EXECUTION

- 3.1 INSTALLATION
- 3.2 PROTECTION AND CLEANING

-- End of Section Table of Contents --

RST-10530R (March 2002)

Superseding

STAR-10530R (Sept 2001)

RST-10530R (08/00)

GUIDE SPECIFICATION FOR CONSTRUCTION

Specification revised to meet U.S. Army Reserve requirements (June 2001)

SECTION 10530R

MISCELLANEOUS SPECIALTIES

03/02

NOTE: This guide specification covers the requirements for mail boxes and associated security mesh which completely surrounds the mail room on the interior of facilities. This guide specification is to be used in the preparation of project specifications. Contact the Louisville District with revisions that are needed to this specification.

RST-10530 is a Louisville District Army Reserve Support Team guide specification.

PART 1 GENERAL

1.1 REFERENCES

NOTE: Issue (date) of references included in project specifications need not be more current than provided by the latest change (Notice) to this guide specification.

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

1.2 SUBMITTALS

NOTE: Submittals must be limited to those necessary for adequate quality control. The importance of an item in the project should be one of the primary factors in determining if a submittal for the item should be required.

Indicate submittal classification in the blank space following the name of the item requiring the submittal by using "G" when the submittal requires Government approval. Submittals not classified as "G" will show on the submittal register as "Information Only". For submittals requiring Government approval, a code of up to three characters should be used following the "G" designation to indicate the approving authority; codes of "RE" for Resident Engineer approval, "ED" for Engineering approval, and "AE" for Architect-Engineer approval are recommended.

 Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Mail Boxes; FIO

Security Mesh; FIO

Mooring Eye Floor Casting; FIO

Drawings showing construction and installation details.

SD-03 Product Data

Product certification and installation recommendation data.

NOTE: Vendor information that forms part of this guide specification is permissible to use as long as the salient features provide for "or equal" product equivalents are specified. Submittal clauses must be modified to make known that specific vendor information is being specified. If the Contractor chooses to provide the specified vendor's product, the submittal for that item is considered a For Information Only submittal. If the Contractor uses a different "or equal" item, then it will be evaluated against the salient features. Hence, it is considered for Government Approval (G).

 Acceptable Manufacturer Products; FIO

Manufacturers products listed in this specification are referenced to establish a standard of quality. When the specific product listed is submitted by the Contractor, that submittal will be considered For Information Only. When an equal to that named in

this specification or Section 09915 is submitted, it shall be for Government Approval (G). The following manufacturer products are specifically mentioned in this specification:

Mail Boxes: See Section 09915 COLOR SCHEDULE; FIO

Mail Box Manuf. Product submitted as an "or equal"; G [____].

Security Mesh: FIO
Woven Wire Products Association Member
www.wovenwire.org

Security Mesh Manuf. Product submitted as an "or equal"; G [____].

Provide data describing security mesh installation and recommendations.

Mooring Eye Floor Casting: Neenah Foundry Co. No. R-3490-F.; FIO
Box 729
Neenah, WI 54957 414-725-7000

Mooring Eye Manuf. Product submitted as an "or equal"; G [____].

SD-04 Samples

Color Charts; FIO

Submit color chart for mailbox.

1.3 DELIVERY AND STORAGE

All items shall be delivered to the project site in manufacturer's undamaged containers.

1.4 WARRANTY

Provide manufacturer's standard warranty for the items.

PART 2 PRODUCTS

2.1 MAILBOXES

2.1.1 General

Mailboxes shall be U.S. Postal Service approved. Mailboxes, materials, sizes, construction, and installation shall comply with U.S. Postal Service regulations and shall be fully approved by the U.S. Postal Service.

2.1.2 Materials

Quantities and arrangement of mailboxes shall be as indicated on the drawings. Mailboxes shall be rear-loading type with sheet aluminum rear door with a continuous piano hinge on one side and a keyed lock on the other side strengthened with formed sheet aluminum stiffeners. Framework

supporting compartment doors shall be fabricated from high strength extruded aluminum alloy. Compartment doors shall be fabricated from high strength extruded aluminum alloy, with a minimum of 3.2 mm thickness, and swing on concealed hinge pins. The compartment door shall be double wide to accept minimum 225mm x 280mm size mail without bending. When closed, the door shall interlock with frame member along hinge side and shall be precision fitted to preclude prying. Doors shall be reinforced vertically along both sides and near center with integral ribs. Locks on individual compartment doors shall be springlatch type lock actuated by a cam type lock with two change keys per lock and a minimum of 1000 available key changes. All locks within project shall be keyed differently. Compartment construction shall be double-walled high strength sheet aluminum alloy with vertical stiffeners of formed aluminum. Finish shall be as indicated on the drawings. Mail box manufacturer shall furnish aluminum channel type cardholders with pressure sensitive backing to accommodate 11.1 mm by 63.5 mm cards for individual and/or unit names.

2.1.3 Color

Color shall be in accordance with Section 09915 COLOR SCHEDULE.

2.2 SECURITY MESH

Security mesh shall be a minimum of 1.8mm thick and weigh a minimum of 3.66kg/sq. m. The mesh shall be diamond type with a minimum of 73 percent open area. The overall mesh size and orientation shall be as recommended by the manufacturer.

2.3 MOORING EYE

Mooring eye shall be a standard casting product constructed of ductile iron and made to be installed in concrete with top of casting flush with top of finish concrete.

PART 3 EXECUTION

3.1 INSTALLATION

Install all items in strict accordance with manufacturer's recommendations at the locations indicated on the drawings. Align and plumb all items with adjacent surfaces and set accurately in location.

3.2 PROTECTION AND CLEANING

Protect the work from other trades and remove all protective wrappings when appropriate. Clean all surfaces in accordance with manufacturer's recommendations.

---End of Section---

-- End of Section --